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SEQUENCE LISTING

<110> Gendaq Limited

<120> Screening System

<130> 674538-2003

<140> 09/851,271

<141> 2001-05-08

<150> PCT/GB99/03730

<151> 1999-11-09

<150> GB9824544.2

<151> 1998-11-09

<160> 16

<170> PatentIn version 3.0

<210> 1

<211> 264

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_structure

<222> (1)..(264)

<223> sequence coding for a zinc finger protein

<400> 1

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cttaccgcgc acacgaggac ccacacaggc gagaagcctt ttcagtgtcg aatctgcatg 120

cgtaacttca gcaggagcga taaccttacg agacacctaa ggaccacacac aggcgagaag 180

cctttttcagt gtcgaatctg catgcgtaac ttcaggcaag ctgatcatct tcaagagcac 240

ctaaagaccc acacaggcga gaag 264

<210> 2

<211> 88

<212> PRT

<213> Artificial Sequence

<220>

<221> ZN_FING

<222> (1)..(88)

<223> protein sequence encoding a zinc-finger domain

<400> 2

PatentIn version 3.0

Ala Glu Glu Lys Pro Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser
 1 5 10 15
 Asp Arg Ser Ser Leu Thr Arg His Thr Arg Thr His Thr Gly Glu Lys
 20 25 30
 Pro Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp Asn
 35 40 45
 Leu Thr Arg His Leu Arg Thr His Thr Gly Glu Lys Pro Phe Gln Cys
 50 55 60
 Arg Ile Cys Met Arg Asn Phe Arg Gln Ala Asp His Leu Gln Glu His
 65 70 75 80
 Leu Lys Thr His Thr Gly Glu Lys
 85

<210> 3
 <211> 31
 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> Sequence of the Zince Finger Framework
 <220>
 <221> UNSURE
 <222> (1)..(31)
 <223> 'X' can be any amino acid as described in the specification

<400> 3
 Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa Xaa His
 20 25 30

<210> 4
 <211> 31
 <212> PRT
 <213> Artificial Sequence
 <220>
 <223> Sequence of the Zince Finger Framework
 <220>
 <221> UNSURE
 <222> (1)..(31)
 <223> 'X' can be any amino acid as described in the specification

<400> 4
 Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa

<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (1)..(4)
<223> smallest unit of stalling polypeptide sequence

<400> 11

Ala Ala Val Pro
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<210> 12
<211> 24
<212> PRT
<213> Artificial Sequence

<220>
<221> PEPTIDE
<222> (1)..(24)
<223> linker sequence followed by the stalling polypeptide sequence

<400> 12

Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Gly
1 5 10 15

Gly Gly Gly Ser Ala Ala Val Pro
20

<210> 13
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<221> promoter
<222> (1)..(23)
<223> bacteriophage T7 RNA polymerase promoter sequence

<400> 13
taatacgact aactataggg aga

23

<210> 14
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<221> RBS
<222> (1)..(6)

<223> bacteriophage T7, gene 10 ribosome binding site

<400> 14

aaggag

6

<210> 15

<211> 18

<212> DNA

<213> Artificial Sequence

<220>

<221> misc_feature

<222> (1)..(18)

<223> DNA sequence encoding the ribosome stalling peptide sequence

<400> 15

atgggttaaaa cagataaa

18

<210> 16

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (1)..(6)

<223> ribosome stalling peptide sequence

<400> 16

Met Val Lys Thr Asp Lys

1

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